

U.S. Patent Application Serial No. 10/506,671
Amendment filed June 8, 2007
Reply to OA dated March 8, 2007

AMENDMENTS TO THE ABSTRACT:

Delete the current Abstract and replace therewith the attached substitute Abstract.

A pipe joint [[1]] comprises a first joint member [[2]] of synthetic resin having an annular recessed portion [[7]] in an end face thereof, and a second joint member [[3]] of synthetic resin having an annular ridge [[8]] on an end face thereof. The ridge [[8]] is fitted in the opening of the recessed portion [[7]], with a synthetic resin gasket [[4]] fitted in the recessed portion [[7]]. When the pipe joint [[1]] is properly tightened up, the outer surface of the ridge [[8]] of the second joint member [[3]] is pressed against the inner surface of the recessed portion [[7]] of the first joint member [[2]] with the gasket [[4]] interposed therebetween in intimate contact with the surfaces approximately over the entire areas thereof, ~~a portion 2d of the end face of the first joint member 2 positioned radially inwardly of the recessed portion is then in intimate contact with a portion 3d of the end face of the second joint member 3 positioned radially inwardly of the ridge approximately over the entire surface areas thereof, a portion 2e of the end face of the first joint member 2 positioned radially outwardly of the recessed portion is then in intimate contact with a portion 3e of the end face of the second joint member 3 positioned radially outwardly of the ridge approximately over the entire surface areas thereof.~~

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ABSTRACT OF THE DISCLOSURE:

A pipe joint comprises a first joint member of synthetic resin having an annular recessed portion in an end face thereof, and a second joint member of synthetic resin having an annular ridge on an end face thereof. The ridge is fitted in the opening of the recessed portion, with a synthetic resin gasket fitted in the recessed portion. When the pipe joint is properly tightened up, the outer surface of the ridge of the second joint member is pressed against the inner surface of the recessed portion of the first joint member with the gasket interposed therebetween in intimate contact with the surfaces approximately over the entire areas thereof.

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